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INDEX TO AMERICAN MYCOLOGICAL LITERATURE

Allard, H. A. The mosaic disease of tobacco. U. S. Dept. Agr. Bull. 40: 1–33. *pl. 1–7.* 15 Ja 1914.

Allen, R. F., & Jolivette, H. D. M. A study of the light reactions of *Pilobolus*. Trans. Wisconsin Acad. Sci. **27**: 533–598. *f. 1–21.* D 1913.

Atkinson, G. F. The development of *Agaricus arvensis* and *A. comtulus*. Am. Jour. Bot. **1**: 3–22. *pl. 1, 2.* F 1914.

Beardslee, H. C. Notes on a few Asheville fungi. Mycologia **6**: 88–92. *pl. 121.* 18 Mr 1914.
Includes *Russula rubescens* sp. nov.

Brown, N. A., & Jamieson, C. O. A bacterium causing a disease of sugar-beet and nasturtium leaves. Jour. Agr. Research **1**: 189–210. 10 D 1913.
Bacterium aptatum sp. nov.

Burrill, T. J. *Bacillus amylovorus* vs. *amylivorus*. Phytopathology **4**: 31. F 1914.

Cook, A. J. Alfalfa. Monthly Bull. State Comm. Hort. Calif. **3**: 53–73. *f. 8–17.* F 1914.
Includes a list of fungous diseases.

Dietel, P. Über einige neue und bemerkenswerte Uredineen. Ann. Myc. **12**: 83–88. 10 F 1914.
Includes four new species from America.

Dox, A. W. A review of recent investigations on the mineral nutrition of fungi. Biochem. Bull. **3**: 222–228. Ja 1914.

Farley, A. J. Peach leaf-curl. New Jersey Agr. Exp. Sta. Circ. 29: 1, 2. *f. 1, 2.* 1914.

Fink, B. Henry Willey,—a memoir. Mycologia **6**: 49–53. 18 Mr 1914. Portrait.

Fraser, W. P. Notes on *Uredinopsis mirabilis* and other rusts. Mycologia **6**: 25–28. 14 Ja 1914.

Galloway, B. T. Pierre-Marie-Alexis Millardet. Phytopathology **4**: 1–4. *pl. 1.* F 1914.

Gloyer, W. O. The efficiency of formaldehyde in the treatment of seed potatoes for Rhizoctonia. New York Agr. Exp. Sta. Bull 370: 417–431. *pl. 1.* D 1913

Graves, A. H. *Fomes laricis* in California. Phytopathology **4**: 33. F 1914.

Graves, A. H. Notes on diseases of trees in the southern Appalachians II. Phytopathology **4**: 5–10. *pl. 2* + *f. 1.* F 1914.

Graves, A. H. A preliminary note on a new bark disease of the white pine. Mycologia **6**: 84–87. *pl. 120.* 18 Mr 1914.

Güssow, H .T. The systematic position of the organism of the common potato scab. Science II. **39**: 431–433. 20 Mr 1914.

Harper, E. T. *Cantharellus clavatus* from Duluth. Mycologia **6**: 40, 41. 14 Ja 1914.

Harper, R. A., & Dodge, B. O. The formation of the capillitium in certain *Myxomycetes.* Ann. Bot. **28**: 1–18. *pl. 1, 2.* Ja 1914.

Harter, L. L. The foot-rot of the sweet potato. Jour. Agr. Research **1**: 251–274. *pl. 23–28* + *f. 1.* 10 D 1913.

Heald, F. D. Aerial galls of the mesquite. Mycologia **6**: 37, 38. *pl. 117, f. 2.* 14 Ja 1914.

Hewitt, J. L. Twig blight and blossom blight of the apple. Arkansas Agr. Exp. Sta. Bull. 113: 495–505. 1913.

Howitt, J. E. Notes on the apothecial stage of *Sclerotinia cinerea* in Ontario. Ottawa Nat. **27**: 158–160. F 1914.

Ingram, D. E. A twig blight of *Quercus prinus* and related species. Jour. Agr. Research **1**: 339–346. *pl. 38* + *f. 1–7.* 10 Ja 1914.

Johnson, D. S. The evolution of a botanical problem. Science II. **39**: 299–319. 27 F 1914.

Jolivette, H. D. M. Studies on the reactions of *Pilobolus* to light stimuli. Bot. Gaz. **57**: 89–121. *f. 1–12.* 14 F 1914.

Kern, F. D. The nature and classification of plant rusts. Trans. Am. Micros. Soc. **32**: 41–67. *f. 1–5.* 1913.

Krieger, L. C. C. Observations on the use of Ridgway's new color-book. The color of the spores of *Volvaria speciosa* Fr. Mycologia **6**: 29–31. 14 Ja 1914.

Kunkel, L. O. Nuclear behavior in the promycelia of *Caeoma nitens* Burrill and *Puccinia Peckiana* Howe. Am. Jour. Bot. **1**: 37–47. *pl. 3.* F 1914.

Lewis, D. E. The control of apple blotch. Kansas Agr. Col. Exp. Sta. Bull. 196: 521–574. *f. 1–19, 21.* D 1913.

Long, W. H. *Polyporus dryadeus,* a root parasite on the oak. Jour. Agr. Research **1**: 239–250. *pl. 21, 22.* 10 D 1913.

Long, W. H. An undescribed species of *Gymnosporangium* from Japan. Jour. Agr. Research **1**: 353–356. 10 Ja 1914.
Gymnosporangium chinensis sp. nov.

McMurran, S. M. The anthracnose of the mango in Florida. U. S. Dept. Agr. Bull. **52**: 1–15. *pl. 1–4* + *f. 1–4.* 24 Ja 1914.

Meinecke, E. P. Forest tree diseases common in California and Nevada. U. S. Dept. Agr. Forest Serv. 1–67. *pl. 1–24.* 14 F 1914.

Mercer, W. H. Investigations of timothy rust in North Dakota during 1913. Phytopathology **4**: 20–22. F 1914.

Murrill, W. A. *Agaricus mucifer* Berk. & Mont. Mycologia **6**: 97, 98. 18 Mr 1914.

Murrill, W. A. An enemy of the western red cedar. Mycologia **6**: 93, 94. *pl. 122.* 18 Mr 1914.
Includes *Fomitiporia Weirii* sp. nov.

Murrill, W. A. Illustrations of fungi—XVII. Mycologia **6**: 1–4. *pl. 113.* 14 Ja 1914.
Includes *Hydrocybe caespitosa* sp. nov.

Oosthuizen, J. D. P., & Shedd, O. M. The effect of ferments and other substances on the growth of Burley tobacco. Jour. Biol. Chem. **16**: 439–453. Ja 1914.

Orton, C. R., & Adams, J. F. Notes on *Peridermium* from Pennsylvania. Phytopathology **4**: 23–26. *pl. 3.* F 1914.

Orton, W. A. The biological basis of international phytopathology. Phytopathology **4**: 11–19. F 1914.

Orton, W. A. Potato wilt, leaf-roll, and related diseases. U. S. Dept. Agr. Bull. 64: 1–48. *pl. 1–16.* 10 F 1914.

Rand, F. V. Some diseases of pecans. Jour. Agr. Research **1**: 303–338. *pl. 33–37* + *f. 1–8.* 10 Ja 1914.

Reed, G. M. An unusual outbreak of apple blossom blight. Phytopathology **4**: 27–30. F 1914.

Reed, H. S., Cooley, J. S., & Crabill, C. H. Experiments on the control of the cedar rust of apples. Virginia Agr. Exp. Sta. Bull. **203**: 3–28. *f. 1–11.* Ja 1914.

Rorer, J. B. The green muscardine fungus and its use in cane fields. Board Agr. Trinidad & Tobago Circ. **8**: 5–14. *pl. 1, 2* + *f. 1, 2.* 31 Mr 1913.

Rorer, J. B. The Suriname witch-broom disease of Cacao. Board Agr. Trinidad & Tobago Circ. **10**: 5–13. 30 Jl 1913.

Seaver, F. J. A preliminary study of the genus *Lamprospora.* Mycologia **6**: 5–24. *pl. 114.* 14 Ja 1914.

Includes *Lamprospora ascoboloides, L. annulata, L. spinulosa, L. Maireana, L. tuberculatella,* spp. nov.

Seaver, F. J., & Murrill, W. A. Notes on truffles recently collected in the eastern United States. Jour. N. Y. Bot. Gard. **15**: 14, 15. Ja 1914.

Smith, E. F. Identity of the American and French mulberry blight. Phytopathology **4**: 34. F 1914.

Stewart, V. B. Specific name of the fire blight organism. Phytopathology **4**: 32, 33. F 1914.

Stewart, V. B. The yellow-leaf disease of cherry and plum in nursery stock. Cornell Univ. Agr. Exp. Sta. Circ. 21: 1–10. *f. 1–9.* Ja 1914.

Sumstine, D. R. New or interesting fungi. Mycologia **6**: 32–36. *pl. 115–117.* 14 Ja 1914.

Includes *Hormisciopsis* gen. nov. and *H. gelatinosa, Arthrosporium album, Streptothrix pereffusa, Oidium album, Polyscytalum flavum, Vaginata umbonata,* and *Marasmius Morganianus,* spp. nov.

Taubenhaus, J. J. The why's in plant disease control. Gard. Chron. Am. **17**: 819–821. F 1914.

Theissen, F. Über *Polystomella, Microcyclus* u. a. Ann Myc. **12**: 63–75. *pl. 6, 7.* 10 F 1914.

Includes *Polyclypeolum, Microcyclella, Clyclotheca, Cryptopus,* and *Ellisiodothis,* gen. nov.

Vosler, E. J. Calendar of insect pests and plant diseases. State Comm. Hort. Monthly Bull. Calif. **3**: 44–46. *f. 7.* Ja 1914.

Wallace, E. Scab disease of apples. Cornell Agr. Exp. Sta. Bull. **335**: 545–624. *pl. I–II* + *f. 184.* S 1913.

Wilson, G. W. Studies in North American *Peronosporales*—V. A review of the genus *Phytophthora.* Mycologia **6**: 54–83. *pl. 119.* 18 Mr 1914.

Winslow, C. E. A. The characterization and classification of bacterial types. Science II. **39**: 77–90. 16 Ja 1914.